

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

42120

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/019397

INTERNATIONAL APPLICATION NO.
PCT/EP00/09932INTERNATIONAL FILING DATE
10 October 2000PRIORITY DATE CLAIMED
30 October 1999TITLE OF INVENTION
METHOD FOR PRODUCTION OF A FLEXIBLE SHAPED STRIPAPPLICANT(S) FOR DO/EO/US
Konstantinos Poulakis

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
Translation of Preliminary Examination Report

U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">10/019397</div>		INTERNATIONAL APPLICATION NO. PCT/EP00/09932		ATTORNEY'S DOCKET NUMBER 42120	
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17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 2px;">CALCULATIONS</th> <th style="text-align: left; padding: 2px;">PTO USE ONLY</th> </tr> <tr><td colspan="3" style="height: 100px;"></td></tr> </table>		CALCULATIONS		PTO USE ONLY			
CALCULATIONS		PTO USE ONLY						
<div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%; text-align: right;">\$ 890.00</td> <td style="width:40%;"></td> </tr> </table>		\$ 890.00					
\$ 890.00								

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10 - 20 =	0	X \$18.00	\$	
Independent claims	1 - 3 =	0	X \$84.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
Reduction of 1/2 for filing by small entity, if applicable.				\$	
SUBTOTAL =				\$ 890.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
TOTAL FEES ENCLOSED =				\$ 930.00	
				Amount to be refunded:	\$
				charged:	\$

a. ☒ A check in the amount of \$ 930.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 18-2220. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO

Roylance, Abrams, Berdo & Goodman, L.L.P.

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SIGNATURE

Mark S. Bicks

NAME

28,770

REGISTRATION NUMBER

42120

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Konstantinos Poulakis : PATENT
Serial No.: : Group Art Unit:
Filed: Herewith : Examiner:
For: METHOD FOR PRODUCTION OF A :
FLEXIBLE SHAPED STRIP :

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to examination and calculation of the filing fee, please amend the above-identified application as follows:

In the Claims

Amend claims 4, 5, 6, 7, 8, 9 and 10 as follows:

4. Method as in Claim 1 characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a hot coating method.

5. Method as in Claim 1, characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a spray or dipping coating method.

6. Method as in Claim 1, characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a coating method and that the applied coating is hardened by means of ultraviolet light and/or by means of an electron-radiation source.

7. Method as in Claim 1, characterized in that a rubber material is used as anti-slip components plastic material.

8. Method as in Claim 1, characterized in that the slip-preventing plastic material is applied only in the areas of the undercut (32) between the shaped strip (18) and the foam material of the cushion component (10).

9. Method as in Claim 1, characterized in that a round or T-shaped profile or a profile shaped as a type of fixing wedge or fixing anchor is used as shaped strip (18).

10. Method as in Claim 1, characterized in that the anti-slip components material is applied to the shaped strip (18) in flakes or clots.

REMARKS

The above changes eliminate multiple dependency in the claims.

Respectfully submitted,



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Dated: Dec 28, 2001

4. Method as in Claim 1 ~~or 2~~ characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a hot coating method.
5. Method as in Claim 1 ~~or 2~~, characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a spray or dipping coating method.
6. Method as in Claim 1 ~~or 2~~, characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a coating method and that the applied coating is hardened by means of ultraviolet light and/or by means of an electron-radiation source.
7. Method as in ~~one of the Claims 1 to 6~~, characterized in that a rubber material is used as anti-slip components plastic material.
8. Method as in ~~one of the Claims 1 to 7~~, characterized in that the slip-preventing plastic material is applied only in the areas of the undercut (32) between the shaped strip (18) and the foam material of the cushion component (10).
9. Method as in ~~one of the Claims 1 to 8~~, characterized in that a round or T-shaped profile or a profile shaped as a type of fixing wedge or fixing anchor is used as shaped strip (18).

10. Method as in ~~one of the Claims 1 to 9~~, characterized in that the anti-slip components material is applied to the shaped strip (18) in flakes or clots.

Method for Production of a Flexible Shaped Strip

The invention relates to a method for producing a flexible shaped strip of plastic material for use in a fixing system which fixes a cushion cover to a cushion component, the cushion component consisting of a foamable material, being provided with a longitudinal passage therein for the engagement of the shaped strip, which, in order to heighten the tear resistance, to prohibit tearing of the strip out of the cushion component, is provided at least partially with a slip preventer.

With a method of this type as in DE 198 08 995 C1, a longitudinal passage adapted to the shape of the shaped strip is arranged within the cushion component, which has recesses in its longitudinal layout which serve for the engagement of interlocking elements on the shaped strip. With the known method, the foam material is arranged in such a manner that the cushion component surrounds the shaped strip contiguously, so that beneficial interlocking of the shaped strip in the cushion component is attained. The interlocking forces of the shaped strip in the cushion component are generated essentially through the adhering forces between the surface of the

shaped strip and the associated foam material. Furthermore, to increase the tear resistance of the shaped strip in the foam, with the known solution it has been suggested to configure the strip of anti-slip components; this leads however to relatively weak shaped strips and the desired increase of tear resistance forces is not attained at all. Another possibility resides basically in a method for increasing the tear resistance in that a hard foam material is selected for the cushion component. The manufacture of hard foam can generally be attained very simply by variation of the polyhydric alcohol content and the hardener content as well as their percentage composition in the cushion component material. Hard foam however leads to reduction of the degree of seat comfort, which is undesirable.

Starting from this state of the art the object of the invention is to make available a method for the production of a shaped strip of which the tear resistance can be notably increased in comparison with the known solutions for shaped strips in cushion components, without leading to reduction of seat comfort. Such an object is attained by a method having the features found in Claim 1.

Since according to the disclosure part of Claim 1 a soft plastic material is used as slip preventer for the shaped strip, serving as the plastic forming the shaped strip, and this slip preventer is applied at least partially on the exterior periphery of the shaped strip, a modification of the surface property is thus attained for the shaped strip, whereby measurements have shown that the tear resistance forces with this arrangement are notably higher than with comparable methods without anti-slip coating. Therefore, because of the slip prevention provided for the shaped strip, hard plastic materials can be used for the shaped strip, such as high density polyethylene.

Particularly high tear resistance forces can be obtained insofar as, preferably with the method according to the invention for slip prevention, a material is used such as a plastic material of which the Shore hardness is below 150, preferably 30 to 60, and particularly is 60.

With one particularly preferred embodiment of the method of the invention, the plastic material having anti-slip components is applied by means of extrusion, particularly by means of a coextrusion method, applying the material to the plastic shaped strip. Here the use of EPDM-rubber has proven particularly favorable.

With another preferred embodiment of the method of the invention, the plastic material having anti-slip components is applied to the shaped strip by means of a hot dipping method. Weakly adhering adhesives on a base of synthetic rubber are particularly to be considered in this case for use as the coating.

In the case of another preferred embodiment of the method of the invention, the anti-slip components plastic material is applied by means of a spray-coating method, being sprayed onto the shaped strip. Using such a method whereby the layers are applied by spraying very thin layers one after the other onto the shaped strip, and as coating material, a one-component adhesive based on nitroxyl or nitrous rubber base from an organic solution is preferably used.

In the case of one more preferred embodiment of the method of the invention, the plastic material having anti-slip components is applied by means of a traditional coating or doctoring method, whereby the applied coating is hardened by means of ultraviolet light and/or by an electron

radiation source. The viscosity of the anti-slip components material can be adjusted by addition of a reactive diluting medium.

Hereinafter the method of the invention will be described in greater detail.

The single drawing shows a representation in principle and not in scale of a section of a seat component.

The fixing system shown in the drawing serves for a vehicle passenger seat, whereby aircraft passenger seats can also be considered as vehicle passenger seats. The vehicle seat has at least one cushion component 10, arranged for example in the area of either the seat surface or the backrest. Cushion component 10 consists of a foamed material, particularly of polyurethane foam. Such foam is configured to be finely porous. A cushion covering 12 serves for the covering of cushion component 10 on its outside facing outward into the environment, which is shown only diagrammatically in the drawing, the covering for example consisting of a fabric or leather material. Cushion covering 12 is pulled tight and anchored to cushion component 10 with formation of an ornamental trim or anchoring seam 14 and, attached by means of a sewn-on seat fastening clip 16 of fabric, fleece, metal gauze,

plastic material or the like, the cushion component is provided with a shaped strip 18 serving as anchoring means.

A longitudinal passage 20 is built into the foam material of cushion component 10 to receive shaped strip 18, which passage 20 engages contiguously with shaped strip 18. Shaped strip 18 is held flexibly at least in longitudinal direction, and is formed of plastic material, for example of a soft PVC of Type 740012 of Firma Decelith or of a hard High Density Polyethylene (HDPE) for example of the Type 65428 from Firma Schulmann. Shaped strip 18 has a receiving slot 22, into which is inserted the sewn-on seat fastening clip 16 like a stem or a crosspiece. Cushion covering 12 is tightly articulated with the other end of sewn-on seat fastening clip 16 through a sewn seam or by some adhesive method. Except for that securing point, sewn-on seat fastening clip 16 is configured to be longitudinally flexible, particularly in the direction of lowering the body onto the seat.

An enlargement 24 is provided for receiving ornamental trim seam 14 with sewn-on seat fastening clip 16, the enlargement opening outward into the environment and inward into a stem- or crosspiece-like shaped cutout 26,

arranged to receive the passage of sewn-on seat fastening clip 16 and which with its other end in turn is opened into longitudinal passage 20. Since the foam material is compressible within a predeterminable range, shaped strip 18 can be inserted manually in steps and also can be removed repeatedly from the associated longitudinal passage 20, insofar as material exchange, repair or the like is required.

The possible depth 28 at which the construction is built in, which is indicated in the drawing with a double arrow, with modern vehicle seats can no longer be varied optionally, since cushion components 10 are configured to be quite thin, with the result that a very thin cross section must also be selected for the shaped strip 18, in order during use to avoid the discomfort of sitting down on and feeling the shaped strip which in and of itself is hard. Since the cross sections for shaped strip 18 must then be of small dimensions and can no longer be selected to be of any optional desirable dimensions, therefore it is necessary, despite the narrowness of shaped strip 18, to anchor said strip securely in the foam material, in order to prevent an undesirable tearing out, which would lead to destruction of cushion covering 12. To increase the tear resistance, interlocking configurations 30 can also be provided on the exterior periphery of shaped strip 18, as further slip

prevention elements which engage in the foam material, whereby preferably in this case the foam material is accessible through corresponding channel-like cutouts. Individual features of such a fastening system can be obtained from DE 198 08 995 C1.

In order to increase the tear resistance for such a solid shaped strip 18, which also can be configured profiled as a hollow chamber, which is not shown, coatings of anti-slip components which are applied to shaped strip 18 serve to provide this function. The layer thickness of such an anti-slip components material is quite thin, so that for simplified representation it has simply been deleted from the drawing. Particularly plastic materials have been proven as favorable for use as anti-slip components, forming materials of which the Shore hardness is lower than 150, preferably between 30 and 60, and particularly preferably is 60. Improved adherence of the foam material to shaped strip 18 having the coating is obtained when soft plastic material is used for the coating. Preferably then the extremely soft plastic is applied by coextrusion in the area of the undercut 32, where the soft plastic engages and from below supports the wing-like widened areas on the top of longitudinal passage 20. As another plastic type, for example EPDM rubber of Firma Macromas can be used. By EPDM rubber is to be understood the

terpolymerization of ethylene and greater portions of propylene as well as a few percentage points of a third monomer rubber with diene structure, in which the diene-monomer provides the required double bonds for a subsequent sulfur vulcanization.

Another possibility for the application of anti-slip components coating is obtained by a hot melt coating method, for example using a weakly adhering adhesive on a base of synthetic rubber, which is widely available but particularly under the mark 'Lunatack AS 3916' from the H. B. Fuller Company. The processing occurs then through a spray-nozzle or roll application in an atmosphere of 150 to 175° C. The viscosity at 175° C is approximately 14,000 mPas, whereby the softening point is at about 117° C. The viscosity is then determined in terms of DIN 53018 and the softening point in terms of DIN 52011.

Another method provides a spray coating, whereby very thin layers are generated on shaped strip 18. Preferably in this case a one-component special adhesive material on nitrile-rubber-base from an organic solvent is used, for example Type 1475 of Firma Bostik. The aforementioned special adhesive is an adhesive of the type which can also be used as a two-

component adhesive. The adhesive is formed on nitrile rubber base and preferably ketones or esters serve as solvent medium. The viscosity is 3100 mPas.

With one further coating method, a UV-hardenable composition is used, for example 85% Ebecryl 4835 as reactive oligomer, with 15% Ebecryl 111 added thereto as reactive diluting medium for adjustment of the viscosity of the anti-slip components plastic material. The resulting products can be obtained from Firma UCB.

With the aforementioned application method the shaped strips can provide conventional fixing systems having remarkably higher tear resistance, so that a secure anchoring of shaped strip 18 in the foam material is guaranteed. Despite increased interlocking forces, shaped strip 18 without any further manipulation can be repeatedly detached from the foam material, which would not be possible if shaped strip 18 were securely cemented in the foam material. Dependent upon the selected combinations of materials, the resulting fixing system can also be disposed of in an environmentally compatible manner or can be recycled.

In the case of one further preferred embodiment of the method of the invention, the anti-slip components plastic material is applied by means of a dipping coating method. In this case the coating material being used is preferably a one-component adhesive nitril rubber base out of an organic solution. Optionally during the so-called flash-off periods of time, the profile is fed through an additional dipping trough, which contains flakes or clots, consisting primarily of polyurethane foam or of fibers. Thus a tight connection of the flakes or clots with the profile is generated for the formation of an anti-slip layer.

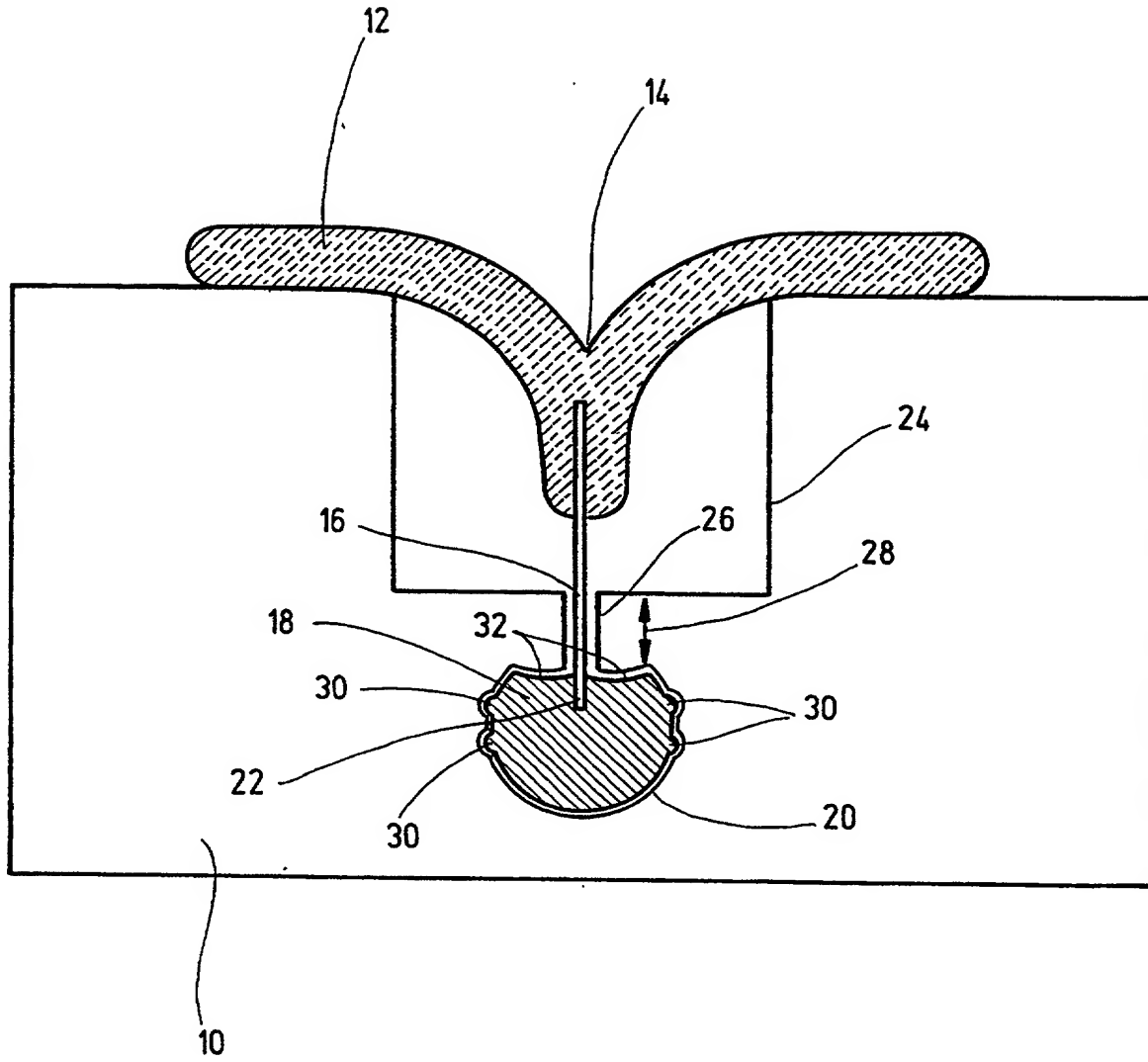
Patent Claims

1. Method for the production of a flexible shaped strip (18) out of plastic material for a fixing system, which serves for the securing of a cushion covering (12) to a cushion component (10), the cushion component consisting of a foamable material and provided with a longitudinal passage (20) for the engagement of the shaped strip (18), which for the increase of tear resistance to prevent tearing from the cushion component (10) is provided at least partially with a slip-preventer, characterized in that a soft plastic material is used as slip-preventer for the shaped strip (18), serving as the plastic forming the shaped strip (18), and that the slip-preventer is applied at least partially on the exterior periphery of the shaped strip (18).
2. Method as in Claim 1, characterized in that a plastic material is used for the slip prevention, wherein such a material has a Shore hardness lower than 150, preferably between 30 and 60, and particularly preferably of 60.
3. Method as in Claim 1, characterized in that the plastic material having anti-slip components is applied by means of an extrusion method, particularly a coextrusion method onto the shaped strip (18).

4. Method as in Claim 1 or 2 characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a hot coating method.
5. Method as in Claim 1 or 2, characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a spray or dipping coating method.
6. Method as in Claim 1 or 2, characterized in that the anti-slip components plastic material is applied to the shaped strip (18) by means of a coating method and that the applied coating is hardened by means of ultraviolet light and/or by means of an electron-radiation source.
7. Method as in one of the Claims 1 to 6, characterized in that a rubber material is used as anti-slip components plastic material.
8. Method as in one of the Claims 1 to 7, characterized in that the slip-preventing plastic material is applied only in the areas of the undercut (32) between the shaped strip (18) and the foam material of the cushion component (10).
9. Method as in one of the Claims 1 to 8, characterized in that a round or T-shaped profile or a profile shaped as a type of fixing wedge or fixing anchor is used as shaped strip (18).

10. Method as in one of the Claims 1 to 9, characterized in that the anti-slip components material is applied to the shaped strip (18) in flakes or clots.

1 / 1



10019397-122801

Declaration and Power of Attorney for Patent Application

Erklärung für Patentanmeldungen mit Vollmacht

German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

daß mein Wohnsitz, meine Postanschrift und meine Staatsangehörigkeit den im nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, daß ich nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit folgendem Titel beantragt wird:

deren Beschreibung hier beigefügt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

- ☐ wurde angemeldet am _____ unter der US-Anmeldenummer oder unter der Internationalen Anmeldenummer im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) _____ und am _____ abgeändert (falls zutreffend).

Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen Patentanmeldung, einschließlich der Ansprüche, die eventuell durch einen oben erwähnten Zusatzantrag abgeändert wurde, durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD FOR PRODUCTION OF A FLEXIBLE SHAPED STRIP

the specification of which is attached hereto unless the following box is checked:

- ☒ was filed on October 10, 2000 as United States Application Number or PCT International Application Number PCT/EP00/09932 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

German Language Declaration

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderrkunden, oder § 365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslandsanmeldungen für Patente bzw. Erfinderrkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

Prior Foreign Applications
(Frühere ausländische Anmeldungen)

199 52 416.5 ✓ Germany ✓
(Number) (Country)
(Nummer) (Land)

(Number) (Country)
(Nummer) (Land)

Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkenne, insofern der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in in einer gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) gültigen internationalen Anmeldetags bekannt geworden sind.

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidesstattliche Erklärung in Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß derartige wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patentes gefährden können.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed
Priorität nicht beansprucht

October 30, 1999 ✓
(Day/Month/Year Filed)
(Tag/Monat/Jahr der Anmeldung)

(Day/Month/Year Filed)
(Tag/Monat/Jahr der Anmeldung)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Status) (patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

German Language Declaration

VERTRETUNGSVOLMACHT: Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt: (Name(n) und Registrationsnummer(n) auflisten)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

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